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(54) **Method and apparatus for vision based motion determination**

(57) A method for determining motion is provided. The method determines a rotation of an object from a first time to a second time by analyzing a first 2D image obtained at the first time and a second 2D image obtained at the second time. Then, the method determines a translation of the object from the first time to the second time based on the determined rotation, 3D information relating to the first image, and 3D information relating to the second image.

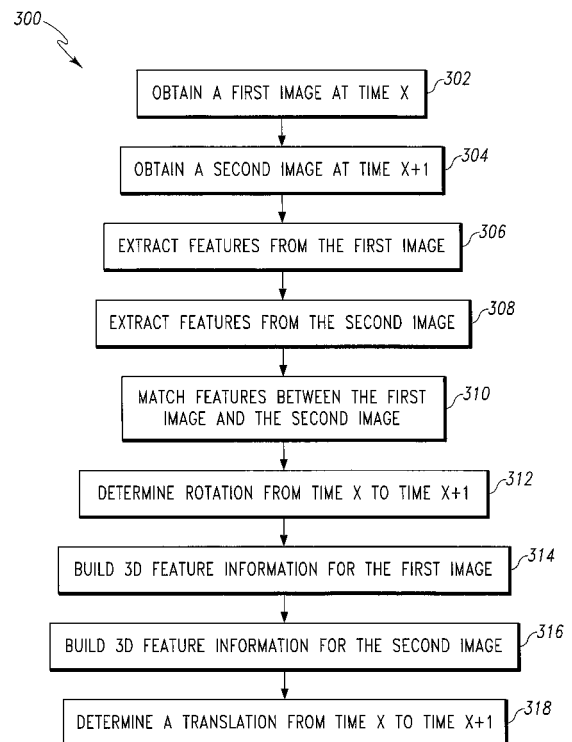


Fig. 3

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EUROPEAN SEARCH REPORT

Application Number
EP 09 15 9449

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A	* the whole document *	4-6,9,10	
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 26 January 2012	Examiner Millet, Christophe
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

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The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (IPC)
Place of search Munich		Date of completion of the search 26 January 2012	Examiner Millet, Christophe
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

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